

Carolinas Design Day Demand & Supply Schedule - Winter 2020 - 2021

Design Day Temperature of 8.71 Degrees (56.29 HDDs)

(All Values in Dt/d)

Carolinas Demand Net Growth Rate

1.2674%

1.4098%

1.5465%

1.5506%

1.5545%

DEMAND					Winter Period:	2020 - 21	2021 - 22	2022 - 23	2023 - 24	2024 - 25
1	System Design Day Firm Sendout					1,483,821	1,504,104	1,527,365	1,551,049	1,575,159
2	Mid Year Firm Sales Pick Up					735				
3	Mid Year Firm Sales Deduct (move to Firm Transport)					(1,363)				
4	Subtotal Sendout plus Mid Year Pickup					1,483,194	1,504,104	1,527,365	1,551,049	1,575,159
5	Special Contract Firm Sales Commitment					7,233	7,233	7,233	7,233	7,233
6	Total Firm Design Day Demand					1,490,427	1,511,337	1,534,598	1,558,282	1,582,392
7	Reserve Margin on Design Day Demand (5%)					74,521	75,567	76,730	77,914	79,120
8	Subtotal Demand					1,564,948	1,586,903	1,611,328	1,636,196	1,661,512
9	Less:									
10	Firm Transportation Without Standby					(136,653)	(129,000)	(129,000)	(129,000)	(129,000)
11	Total Firm Sales Demand					1,428,295	1,457,903	1,482,328	1,507,196	1,532,512
12	SUPPLY CAPACITY									
13	Firm Transportation									
14	Transco	FT		365		301,016	301,016	301,016	301,016	301,016
15	Transco	FT		365		6,440	6,440	6,440	6,440	6,440
16	Transco	FT SE '94/95/96		365		129,485	129,485	129,485	129,485	129,485
17	Transco	Sunbelt		365		41,400	41,400	41,400	41,400	41,400
18	Transco	VA Southside		365		20,000	20,000	20,000	20,000	20,000
19	Transco	Leidy		365		100,000	100,000	100,000	100,000	100,000
20	Columbia Gas	FTS		365		9,801	9,801	9,801	9,801	9,801
21	Columbia Gas	FTS		365	4	23,000	0	0	0	0
22	Columbia Gas	NTS		365		10,000	10,000	10,000	10,000	10,000
23	East TN (MGT Upstream)	FT		365	4	19,578	0	0	0	0
24	Atlantic Coast Pipeline *	FT		365		0	0	160,000	160,000	160,000
25	Total Year Round FT					660,720	618,142	778,142	778,142	778,142
26										
27	Transco	FT Southern Expansion		151		72,502	72,502	72,502	72,502	72,502
28	East TN (TETCO Upstream)	FT		151	1.4	24,798	0	0	0	0
29	Transco	FT		90		6,314	6,314	6,314	6,314	6,314
30	Total Winter Only FT					103,614	78,816	78,816	78,816	78,816
31										
32	Firm Transportation Subtotal					764,334	696,958	856,958	856,958	856,958
33										
34	Hardy Storage	HSS		70	4	68,835	0	0	0	0
35	Dominion	GSS		60	2	0	0	0	0	0
36	Columbia Gas	FSS/SST		59	4	86,368	5,199	5,199	5,199	5,199
37	Transco	GSS		55		77,475	77,475	77,475	77,475	77,475
38										
39	Total Seasonal Storage					232,678	82,674	82,674	82,674	82,674
40										
41	Peaking Capacity									
42	Piedmont	LNG - Huntersville		10		100,000	100,000	100,000	100,000	100,000
43	Piedmont	LNG - Bentonville		9.09		110,000	110,000	110,000	110,000	110,000
44	Transco	Pine Needle		10		263,400	263,400	263,400	263,400	263,400
45	Transco	LNG (formerly LG-A)		5		8,643	8,643	8,643	8,643	8,643
46	Piedmont	LNG - Robeson		5	3	0	200,000	200,000	200,000	200,000
47	Peaking Supplies Total					482,043	682,043	682,043	682,043	682,043
48										
49	Total Capacity					1,479,055	1,461,675	1,621,675	1,621,675	1,621,675
50						50,760	3,772	139,347	114,479	89,163

* Atlantic Coast Pipeline scheduled to come on line in the first half of 2022

1East TN capacity is 365 days, however the upstream TETCO capacity delivering to East TN is 151 days

2Beginning in FY2015, Dominion capacity removed as available capacity on design day due to non-firm backhaul from Transco Zone 6.

3The Robeson LNG facility is anticipated to be completed in the summer of 2021, and therefore is forecasted to provide peaking support starting winter 2021-2022.

4The capacity portfolio for the 2021-2022 winter season and beyond will be restructured to include Robeson LNG using the "best cost" gas purchasing policy while taking into account the customer load profile. The removal of identified capacity contacts beginning with the 2021 - 2022 winter season represent an illustrative scenario in which Piedmont releases upstream capacity to restructure the portfolio based on the current forecasted projections.